			NFT - Risk Assessment						
S.No	Project Name	Scope/feature	Functional Changes	Hardware Changes	Software Changes	Impact of Downtime	Load/Volume Change	Risk Score	Justification
1	**Plasma Donor v1**	New	High	No Changes	Moderate	Considerable time taken to insert into DB	No Changes	ORANGE	Adding this feature makes it coherent with features like adding group and Hence, functional changes are high.
2	**Plasma Donor v2**	Existing	Moderate	No changes	Moderate	Faster DB operations	NO changes	ORANGE	Updated SQL statements for faster DB operations

NFT - Detailed Test Plan				
S.No	Project Overview	NFT Test approach	Assumptions/Dependencies/Risks	Approvals/Signoff
1	Plasma Donor v1	Reliability Testing	Flask installed,app deployed with docker	
2	Plasma Donor v2	Spike testing	Flask installed,app deployed with docker	
3	Plasma Donor v3	Stress testing	Flask installed,app deployed with docker	
4	Plasma Donor v4	Load testing	Flask installed,app deployed with docker	

			End Of Test Report					
S.No	Project Overview	NFT Test approach	NFR - Met	Test Outcome	GO/NO-GO decision	Recommendations	(Detected/Closed/Open)	Approvals/Signoff
1	Plasma Donor v1	Reliability Testing	No of failures	41% failures with adding expense with spike in user data and incorrect input values, but maintained aveage of 13000ms response time	GO	Provide checks from input value before insertinginto database	Bad request error on viewing approved requests when not a donor	
2	Plasma Donor v2	Spike testing	Response time	Varies from minimum if 1367 ms and maximum of 25609ms for a specific feature ofadding expenses	Go			
3	Plasma Donor v3	Stress testing	Response time	Increases from 3100 for one user to 1900ms for 20 users	Go			
4	Plasma Donor v4	Load testing	Failures	Number of failures spikes from 0.3 to 0.9 with increase in number of users from 70 to 100	Go	Provide checks from input value before reading fromdatabase	Bad request error on viewing approved requests when not a donor	